

an image signal processing circuit for processing an image signal input from an external source; and

a control circuit for controlling said display panel and said image signal processing circuit,

wherein said image signal processing circuit corrects said image signal on a basis of a correction table and feeds said display panel with said corrected image signal.

6. (Amended) A display device comprising:

a display panel comprising a pixel portion in which a plurality of thin film transistors are arranged in a matrix, a source driver circuit, and a gate driver circuit;

an image signal processing circuit for processing an image signal input from an external source; and

a control circuit for controlling said display panel and said image signal processing circuit,

wherein said image signal processing circuit performs gamma correction on said image signal on a basis of a correction table and feeds said display panel with said corrected image signal on which gamma correction has been performed.

11. (Amended) A method for operating a display device comprising the steps of:

processing an image signal input from an external source by an image signal processing circuit;

controlling said image signal processing circuit and a display panel by a control circuit;

a³
correcting said image signal based on a correction table; and
supplying a corrected image signal to said display panel through a correction circuit.

Sub B5
a⁴
14. (Amended) A method for operating a display device comprising the steps of:
processing an image signal input from an external source by an image signal processing
circuit;
controlling said image signal processing circuit and a display panel by a control circuit;
performing a gamma correction of said image signal based on a correction table; and
supplying a corrected image signal to said display panel through a correction circuit.

Please add new claims 17-26 as follows.

Sub B6
a⁵
--17. (New) A display device comprising:
a display panel comprising a pixel portion in which a plurality of thin film transistors are
arranged in a matrix, a digital video signal dividing circuit, a source driver circuit, and a gate
driver circuit;
an image signal processing circuit for processing an image signal input from an external
source; and
a control circuit for controlling said display panel and said image signal processing
circuit,
wherein said image signal processing circuit corrects said image signal on a basis of a
correction table and feeds said display panel with said corrected image signal.

18. (New) A display panel according to claim 17, wherein said display panel is a liquid crystal display panel.

19. (New) A display device according to claim 17, wherein said source driver circuit is a digital driver with a D/A conversion circuit.

20. (New) A display device according to claim 17, wherein said image signal processing circuit comprises a correction circuit and an A/D conversion circuit.

21. (New) A display device according to claim 17, wherein said display device is one selected from the group consisting of a projector, a goggle type display, a mobile computer, a video camera, a DVD player, and a game machine.

22. (New) A display device comprising:
a display panel comprising a pixel portion in which a plurality of thin film transistors are arranged in a matrix, a digital video signal dividing circuit, a source driver circuit, and a gate driver circuit;
an image signal processing circuit for processing an image signal input from an external source; and
a control circuit for controlling said display panel and said image signal processing circuit,

wherein said image signal processing circuit performs gamma correction on said image signal on a basis of a correction table and feeds said display panel with said image signal on which gamma correction has been performed.

23. (New) A display device according to claim 22, wherein said display panel is a liquid crystal display panel.

24. (New) A display device according to claim 22, wherein said source driver circuit is a digital driver with a D/A conversion circuit.

25. (New) A display device according to claim 22, wherein said image signal processing circuit comprises a correction circuit and an A/D conversion circuit.

26. (New) A display device according to claim 22, wherein said display device is one selected from the group consisting of a projector, a goggle type display, a mobile computer, a video camera, a DVD player, and a game machine.--